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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
09/318,684	05/25/1999	ERIC C. HANNAH	INTL-0202-US 1769	
` 75	90 12/10/2003		EXAMINER	
TIMOTHY N TROP			STULBERGER, CAS P	
TROP PRUNEI	R HU & MILES PC EEWAY		ART UNIT PAPER NUMBER	
SUITE 100 HOUSTON, TX 77024		2132	01	
			DATE MAILED: 12/10/2003	,

Please find below and/or attached an Office communication concerning this application or proceeding.

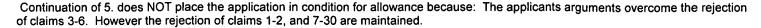
	_		PRC
	Application No	Applicant(s)	
Advisory Action	09/318,684	HANNAH ET AL.	
Advisory Addish	Examiner	Art Unit	
	Cas Stulberger	2132	
The MAILING DATE of this communication app	pears on the cover sheet with the c	correspondence ado	ress
THE REPLY FILED 31 October 2003 FAILS TO PLACE Therefore, further action by the applicant is required to a final rejection under 37 CFR 1.113 may only be either: (condition for allowance; (2) a timely filed Notice of Appe Examination (RCE) in compliance with 37 CFR 1.114.	avoid abandonment of this applica 1) a timely filed amendment whic	ation. A proper repl h places the applica	y to a ation in
PERIOD FOR R	REPLY [check either a) or b)]		
a) The period for reply expiresmonths from the mail	•		
b) Meta The period for reply expires on: (1) the mailing date of this no event, however, will the statutory period for reply expire ONLY CHECK THIS BOX WHEN THE FIRST REPLY WATOG.07(f).	e later than SIX MONTHS from the mailin	g date of the final rejecti	ion.
Extensions of time may be obtained under 37 CFR 1.136(a). The fee have been filed is the date for purposes of determining the period fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of (2) as set forth in (b) above, if checked. Any reply received by the Of timely filed, may reduce any earned patent term adjustment. See 37	of extension and the corresponding amoust the shortened statutory period for reply ffice later than three months after the mai	ount of the fee. The apportion originally set in the final	ropriate extension Office action; or
1. A Notice of Appeal was filed on Appellant 37 CFR 1.192(a), or any extension thereof (37 CF	•		
2. \square The proposed amendment(s) will not be entered	because:		
(a) they raise new issues that would require furth	her consideration and/or search (see NOTE below);	
(b) they raise the issue of new matter (see Note	below);		
(c) they are not deemed to place the application issues for appeal; and/or	in better form for appeal by mate	rially reducing or si	mplifying the
(d) they present additional claims without cance NOTE:	eling a corresponding number of f	inally rejected claim	S.
3. Applicant's reply has overcome the following reje	ction(s):		
4. Newly proposed or amended claim(s) woul canceling the non-allowable claim(s).	d be allowable if submitted in a se	eparate, timely filed	amendment
5. ☑ The a) ☐ affidavit, b) ☐ exhibit, or c) ☑ request for application in condition for allowance because: S		idered but does NO	T place the
6. The affidavit or exhibit will NOT be considered be raised by the Examiner in the final rejection.	ecause it is not directed SOLELY	to issues which wer	e newly
7. For purposes of Appeal, the proposed amendment explanation of how the new or amended claims with the proposed amendment of the proposed amendment			and an
The status of the claim(s) is (or will be) as follows	:		
Claim(s) allowed:			
Claim(s) objected to:			
Claim(s) rejected:			
Claim(s) withdrawn from consideration:			

GILBERTO BARRON
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

10. Other: ____

8. The drawing correction filed on ____ is a) approved or b) disapproved by the Examiner.

9. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s).



Applicant argues that the IEEE 1394 bus is coupled between the VHS and the Set top box however neither of these include a digital television display. The digital display is coupled to the set top box as disclosed in figure 1. The VCR meets the limitation of the first housing and the set top box coupled to the digital display meets the limitation of the second housing as disclosed in the independent claims.

Applicant also argues the motivation to combine Lownes with Tsukamoto and Bennett and Warren. the motivations are repeated below as in previous office actions.

- 7. Applicant also argues that "there is no motivation to combine Lownes or Tsukamoto with Bennett, which relates to feedback and shift units, and not digital television systems." The motivation to combine the reference of Bennett with the reference of Lownes and Tsukamoto is (as repeated below) a feedback and shift unit is arranged to reduce to a minimum the number of processing steps required in a processor (Bennett: Abstract).
- It would have been obvious to one having ordinary skill in the art at the time the invention was made to combine the digital television system of Lownes with the linear feedback shift registers and tap registers of Bennett in order to reduce to a minimum the number of processing steps required in a processor (Bennett: Abstract).
- 8. Applicant also argues that "there is no motivation to combine the references in order to obtain the claimed subject matter. The motivation to combine Lownes with Tsukamoto is repeated below.
- It would have been obvious to one having ordinary skill in the art at the time the invention was made to combine the digital television system as disclosed in Lownes with the method of encrypting, transmitting, decrypting, and displaying data across a bus as disclosed by Tsukamoto in order to provide for secure transmission of video data among devices connected to a video data bus.

The motivation to combine Lownes and Tsukamoto with Bennett is repeated below.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to combine the digital television system of Lownes with the linear feedback shift registers and tap registers of Bennett in order to reduce to a minimum the number of processing steps required in a processor (Bennett: Abstract).

The motivation to combine Lownes and Tsukamoto and Bennett with Warren is repeated below.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to combine the encryption method as disclosed in Lownes with the method of changing the key as disclosed in Warren in order to provide for electronic copy management of various forms of multi-media (Warren: column 1, lines 8-10).

Applicant also argues that Warren does not teach or suggest changing encyption levels on frame boundaries. Warren discloses that with encrypted frames of multi-media data, encryption keys may be carried in a key layer with the encrypted data signal or another data signal for use in decryption on a frame-by-frame basis (Warren: Abstract, last line; Figure 12). Warren also discloses that each frame can be scrambled with a different key, or the key can change every so many frames (Warren: column 14, lines 7-9) This meets the limitation of changing encryption at the frame boundaries. Bennett teaches a higher level encryption. When combined with Warren this meets the limitation of changing encryption levels on frame boundaries.